

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD122721AL\  
 Data File : FD040212.D  
 Signal(s) : FID2B.CH  
 Acq On : 28 Dec 2021 8:46  
 Operator : AJ\MA  
 Sample : M5190-01  
 Misc :  
 ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 28 10:23:00 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 122321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 23 13:40:18 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 10.698 | 30565137   | 202.807 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 405.61%       |
| 12) S 1-chlorooctadecane (S... | 12.167 | 24024326   | 203.470 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 406.94%       |
| Target Compounds               |        |            |               |
| 2) T n-Decane (C10)            | 3.639  | 173957     | 1.314 ug/ml   |
| 3) T A~Naphthalene (C11.7)     | 5.192  | 260058     | 1.748 ug/ml   |
| 4) T n-Dodecane (C12)          | 5.620  | 1049804    | 7.984 ug/ml   |
| 5) T A~2-methylnaphthalene...  | 6.233  | 1730327    | 11.615 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.379  | 5333552    | 40.483 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.968  | 4374357    | 32.831 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.416 | 41067447   | 295.029 ug/ml |
| 10) T n-Eicosane (C20)         | 11.748 | 124198922  | 886.469 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.327 | 44694432   | 314.573 ug/ml |
| 13) T n-Docosane (C22)         | 12.924 | 113939823  | 804.416 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.011 | 33106714   | 232.158 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.036 | 55753753   | 410.473 ug/ml |
| 16) T n-Octacosane (C28)       | 15.971 | 87258251   | 679.655 ug/ml |
| 17) T n-Tricontane (C30)       | 16.861 | 17639849   | 146.883 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.690 | 5187508    | 46.031 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.459 | 4670805    | 42.730 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.210 | 588500     | 5.744 ug/ml   |
| 21) T n-Octatriacontane (C38)  | 19.904 | 341695     | 3.563 ug/ml   |
| 22) T n-Tetracontane (C40)     | 20.780 | 327446     | 4.212 ug/ml   |
| -----                          |        |            |               |

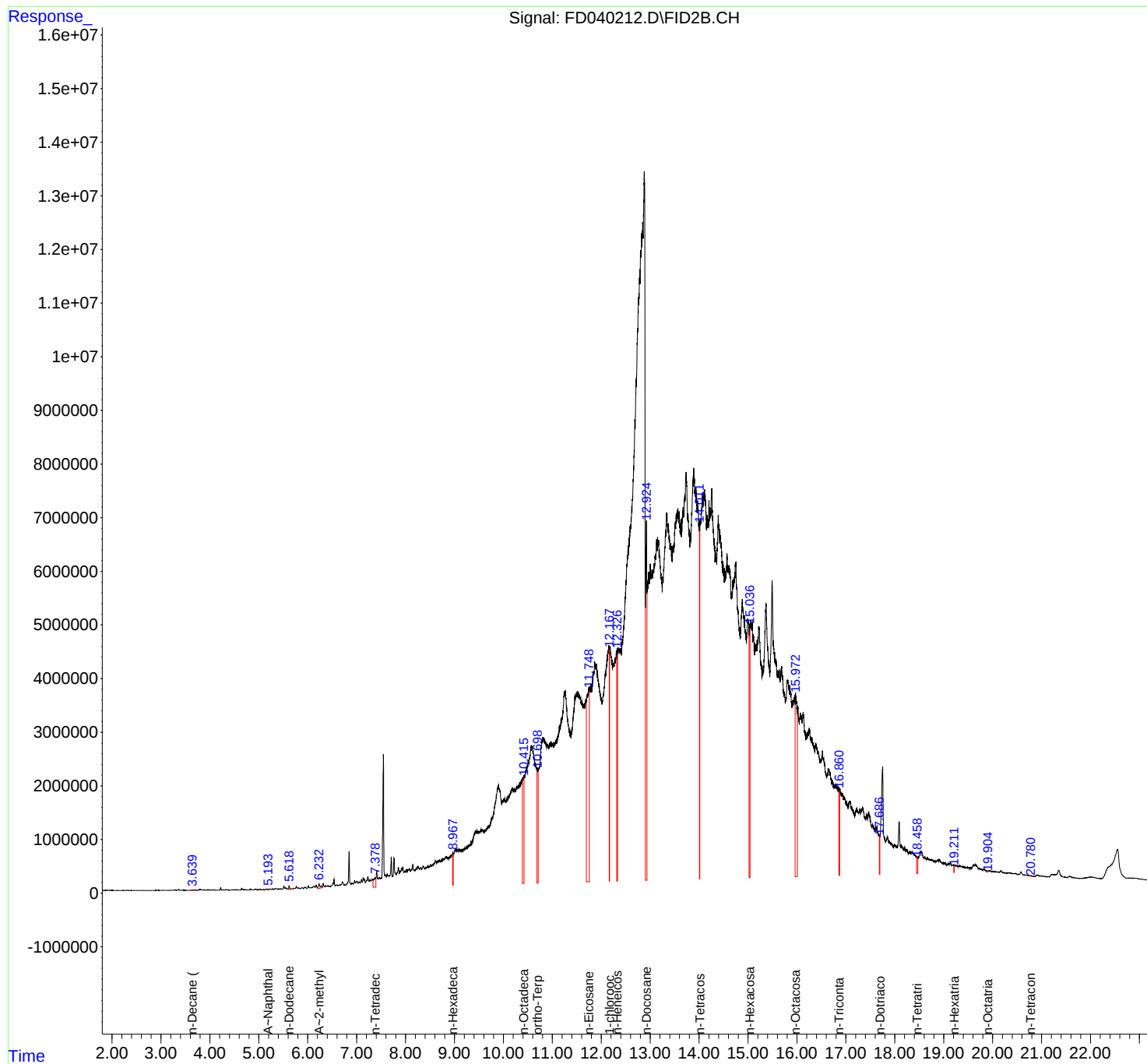
(f)=RT Delta > 1/2 Window

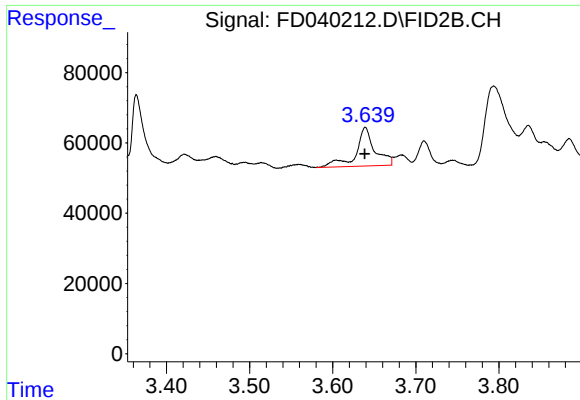
(m)=manual int.

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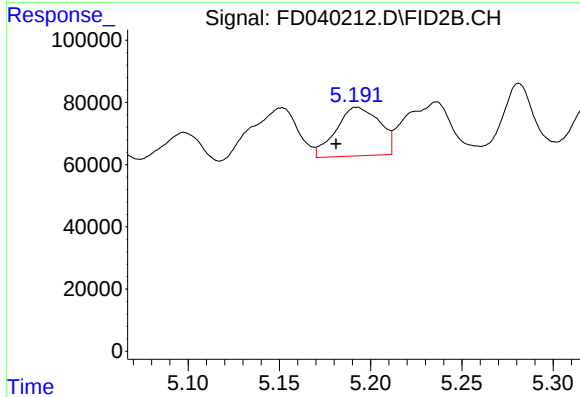
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Signal Info : 20M x 0.18mm x 0.18um





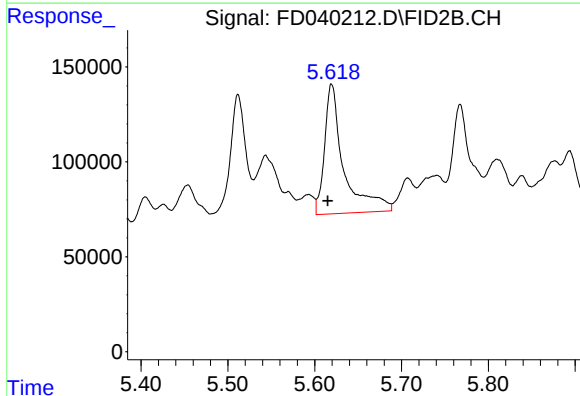
#2 n-Decane (C10)

R.T.: 3.639 min  
Delta R.T.: 0.000 min  
Response: 173957  
Conc: 1.31 ug/ml



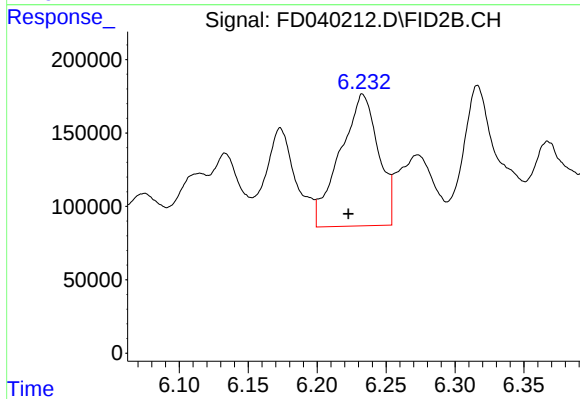
#3 A~Naphthalene (C11.7)

R.T.: 5.192 min  
Delta R.T.: 0.011 min  
Response: 260058  
Conc: 1.75 ug/ml



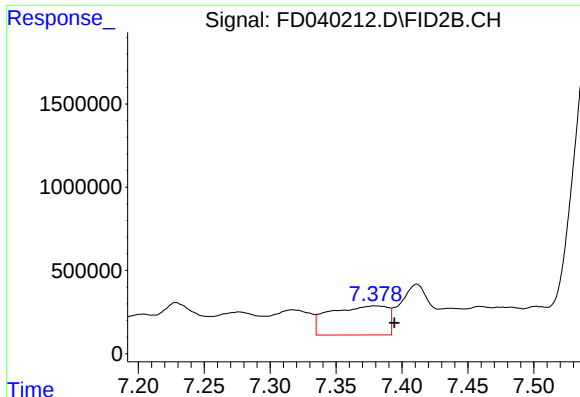
#4 n-Dodecane (C12)

R.T.: 5.620 min  
Delta R.T.: 0.005 min  
Response: 1049804  
Conc: 7.98 ug/ml



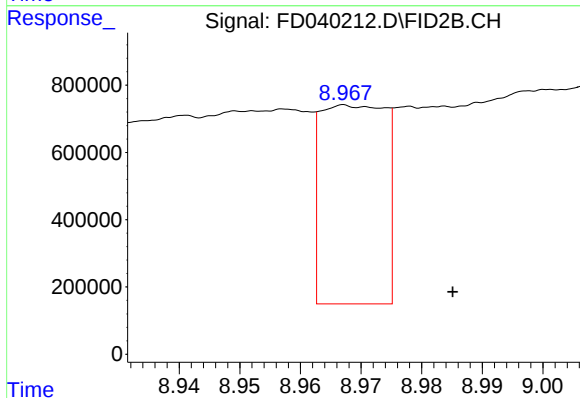
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.233 min  
Delta R.T.: 0.010 min  
Response: 1730327  
Conc: 11.62 ug/ml



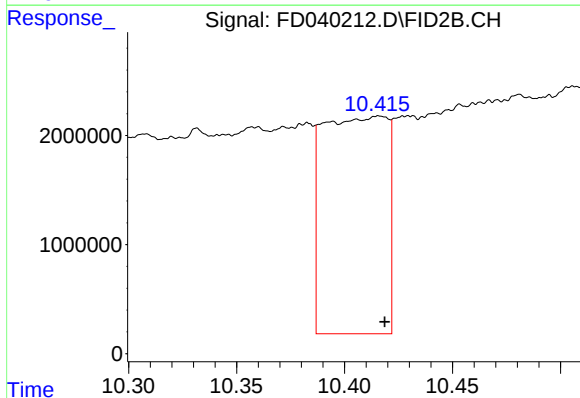
#6 n-Tetradecane (C14)

R.T.: 7.379 min  
Delta R.T.: -0.015 min  
Response: 5333552  
Conc: 40.48 ug/ml



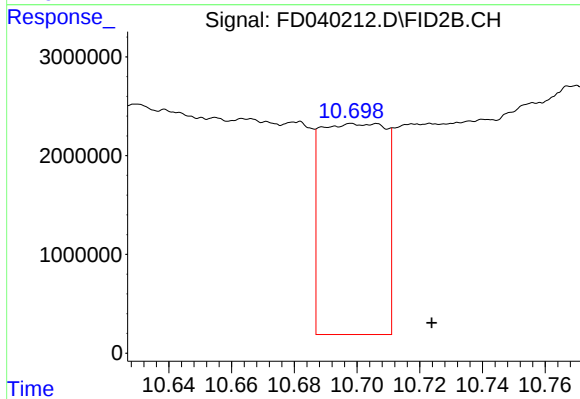
#7 n-Hexadecane (C16)

R.T.: 8.968 min  
Delta R.T.: -0.017 min  
Response: 4374357  
Conc: 32.83 ug/ml



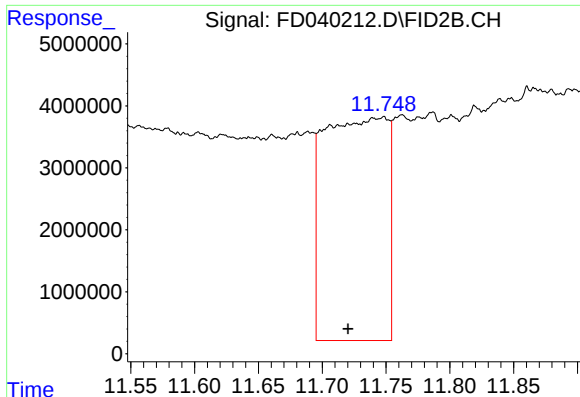
#8 n-Octadecane (C18)

R.T.: 10.416 min  
Delta R.T.: -0.003 min  
Response: 41067447  
Conc: 295.03 ug/ml



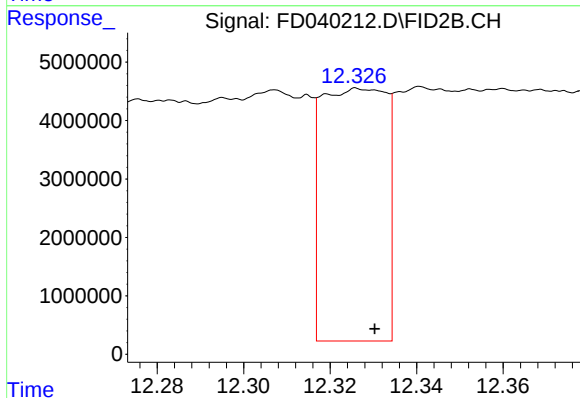
#9 ortho-Terphenyl (SURR)

R.T.: 10.698 min  
Delta R.T.: -0.025 min  
Response: 30565137  
Conc: 202.81 ug/ml



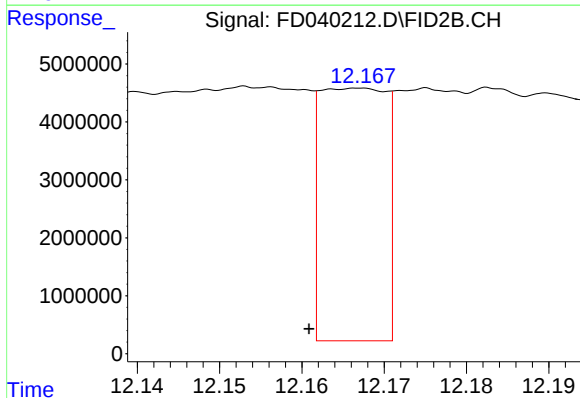
#10 n-Eicosane (C20)

R.T.: 11.748 min  
Delta R.T.: 0.028 min  
Response: 124198922  
Conc: 886.47 ug/ml



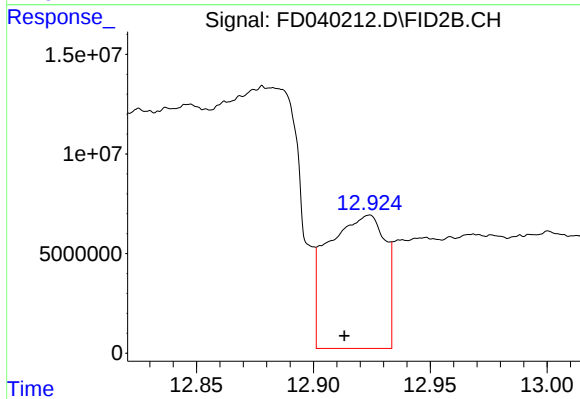
#11 n-Heneicosane (C21)

R.T.: 12.327 min  
Delta R.T.: -0.003 min  
Response: 44694432  
Conc: 314.57 ug/ml



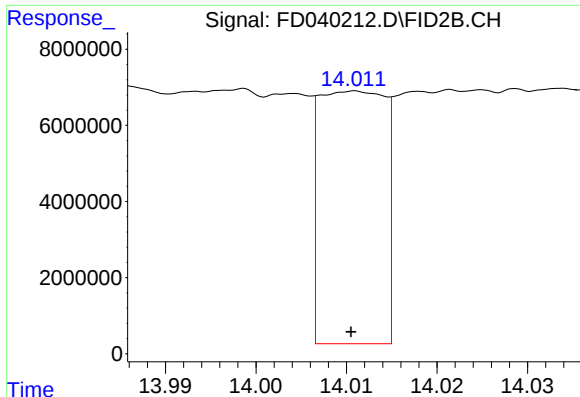
#12 1-chlorooctadecane (SURR)

R.T.: 12.167 min  
Delta R.T.: 0.006 min  
Response: 24024326  
Conc: 203.47 ug/ml



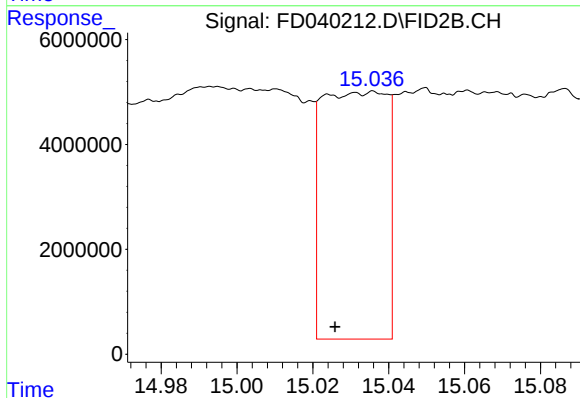
#13 n-Docosane (C22)

R.T.: 12.924 min  
Delta R.T.: 0.011 min  
Response: 113939823  
Conc: 804.42 ug/ml



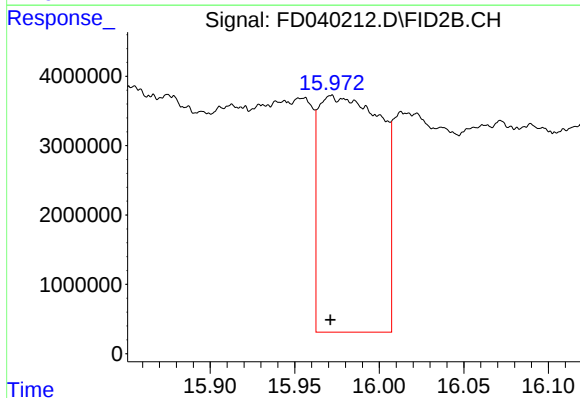
#14 n-Tetracosane (C24)

R.T.: 14.011 min  
Delta R.T.: 0.000 min  
Response: 33106714  
Conc: 232.16 ug/ml



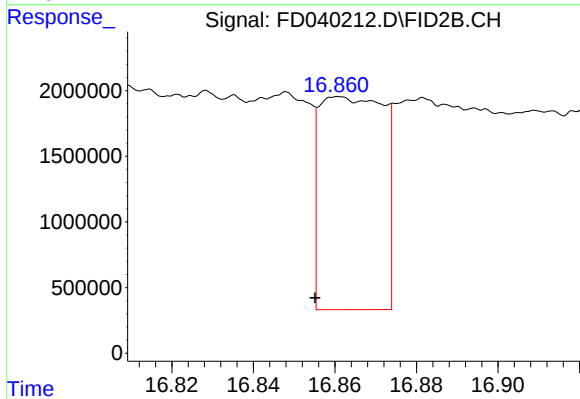
#15 n-Hexacosane (C26)

R.T.: 15.036 min  
Delta R.T.: 0.010 min  
Response: 55753753  
Conc: 410.47 ug/ml



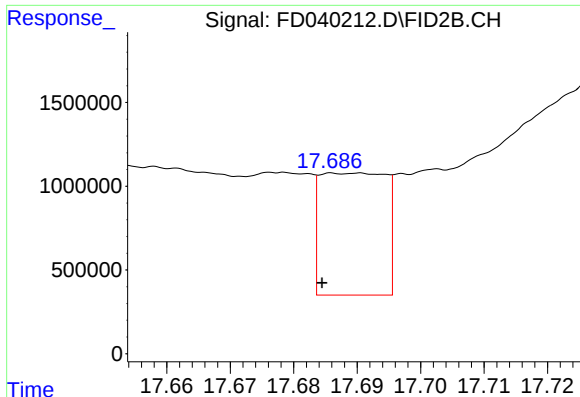
#16 n-Octacosane (C28)

R.T.: 15.971 min  
Delta R.T.: 0.000 min  
Response: 87258251  
Conc: 679.65 ug/ml



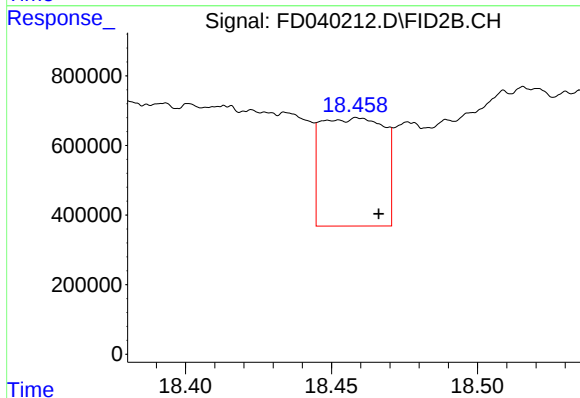
#17 n-Tricontane (C30)

R.T.: 16.861 min  
Delta R.T.: 0.006 min  
Response: 17639849  
Conc: 146.88 ug/ml



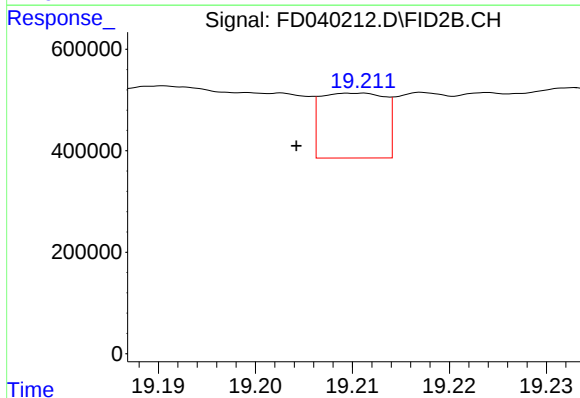
#18 n-Dotriacontane (C32)

R.T.: 17.690 min  
Delta R.T.: 0.005 min  
Response: 5187508  
Conc: 46.03 ug/ml



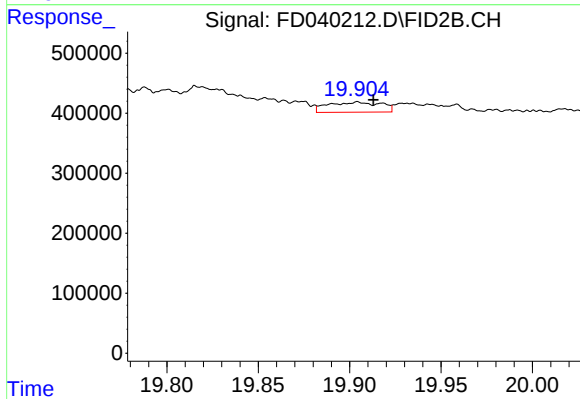
#19 n-Tetatriacontane (C34)

R.T.: 18.459 min  
Delta R.T.: -0.007 min  
Response: 4670805  
Conc: 42.73 ug/ml



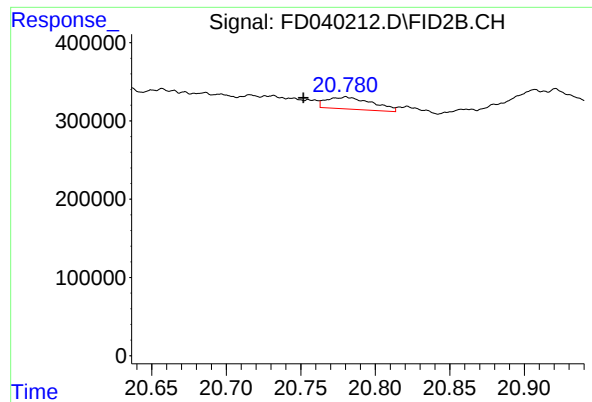
#20 n-Hexatriacontane (C36)

R.T.: 19.210 min  
Delta R.T.: 0.006 min  
Response: 588500  
Conc: 5.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.904 min  
Delta R.T.: -0.009 min  
Response: 341695  
Conc: 3.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.780 min  
Delta R.T.: 0.029 min  
Response: 327446  
Conc: 4.21 ug/ml